

ABSTRACT OF THE DISCLOSURE

The invention concerns an orthodontic wire, combined with attachments bonded on the teeth, to correct position anomalies thereof, made of a material having high mechanical performances and a very low friction coefficient on said attachments. Said material is defined by a base structure made of a titanium-molybdenum alloy comprising, in its outer surface layer, titanium nitrides of type TiN, Ti<sub>2</sub>N, free of titanium oxide.